

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 5-5-00

MSDS #: 521467

NEW ☒

REVISED ☐

PURSELL INDUSTRIES, INC.
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EMERGENCY PHONE NUMBERS:
PURSELL: 1-800-874-8892
CHEMTREC: 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: Vigoro Moss-Ex Moss Control Lawn Granules 2-0-0
PRODUCT NUMBER: 521467
CHEMICAL NAME: Ferrous Sulfate Monohydrate, Ammonium Sulfate, and Limestone.
CHEMICAL CLASS: Moss Killer/Fertilizer Compound
EPA REGISTRATION NUMBER: 8660-178
NFPA RATING: Health - 2 Flammability - 0 Reactivity - 0 Special - None
NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION - II - INGREDIENT INFORMATION

INGREDIENT	CAS NUMBER	PEL	TLV	% BY WEIGHT
Ferrous Sulfate Monohydrate	17375-41-6	NI	10mg/m ³	24.5
Inert components		NI	10 mg/m ³	75.5

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA
Bulk Density: 65-68 lbs/ft³
Vapor Pressure (mmHg): NA
Melting Point: NA
Vapor Density (Air =1): NA
Evaporation Rate(Butyl Acetate=1): NA
Solubility in Water: Fertilizer chemicals are water soluble.
Appearance and Odor: Brown, gray, and white fertilizer granules. Slight fertilizer salt odor.

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA
Flammable Limits: LEL: NA UEL: NA
Extinguishing Media: Water spray, dry chemical, CO₂, sand, or fine earth.
Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire. Fire fighting waters may be hazardous and should be contained.
Unusual Fire and Explosion Hazards: Decomposition products are toxic. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

SECTION - V - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to avoid): Store away from acids, bases, and oxidizers.
Hazardous Decomposition or Byproducts: Thermal degradation may produce: Ammonium, nitrogen oxides, sulfur oxides, metal oxides, and carbon monoxide.
Hazardous Polymerization: Will not occur.

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry: Inhalation; Ingestion; Contact
Eyes: May cause moderate irritation. If eye contact occurs, flush eyes with running water for 15 minutes and see a physician.
Skin: May cause moderate irritation. Wash with soap and water if irritation occurs.
Inhalation: Remove from further exposure and treat symptomatically.
Ingestion: Immediately seek medical aid. Call a physician. The phone number for the National Poison Control Center is (202) 625-3333. If ingested and the person is conscious, give 1 or 2 glasses of water to drink, and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. May cause headache, nausea, and vomiting.
Signs and Symptoms of Exposure: Vomiting and nausea.
Other Health Warnings: Call a physician if irritation persists. Wash hands with soap and water after handling.

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a locked storage area inaccessible to children and pets. Do not store near feed, seed or food; other pesticides, fertilizers or insecticides, to prevent cross-contamination.

Procedures in case of spill or release: Wear protective clothing; chemical resistant gloves and shoes, safety glasses or goggles. Use NIOSH/MSHA approved respirator (TC-21C) if exposure levels are high. If materials are uncontaminated, collect, label containers, and reuse as directed on the label. Empty containers may be disposed of in a licensed sanitary landfill. Do not reuse bag.

Waste Disposal Method: If uncontaminated, use as directed on the label. If contaminated, dispose of according to all Federal, State, and Local laws. Pesticide wastes are toxic. Do not contaminate water supplies.

Other Precautions: Wash thoroughly after handling. Do not apply when weather conditions favor drift from target area.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: None required with normal use of this product.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None required with normal use of this product.

Protective Clothing: None normally required. Those with unusually sensitive skin should wear long sleeves, long pants, and gloves.

Eye Protection: Use of safety glasses with side shields is recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product contains pesticides. Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If pesticides cannot be used according to label, contact your State or Federal pesticide control agency for guidance.

SECTION - X- SARA TITLE III REQUIREMENTS

Section 302 Extremely Hazardous Substances: No	SARA Hazard Category: None
Section 311/312 Hazardous Substances: No	Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None
Section 313 Toxic Chemicals: No	

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

NA = NOT APPLICABLE

NI = NOT INDICATED

PURSELL INDUSTRIES, INC.

Contact: Customer Service

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